

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

**PATENT**

Applicants:                      Matthew Weldon                      Docket No.:                      SFI 658  
    Thomas Laursen  
    Malcolm Grief  
    Paul Holzapfel  
    Mark A. Meloni  
    Robert Eaton

TITLE:                              MULTIPROBE DETECTION SYSTEM FOR  
    CHEMICAL-MECHANICAL PLANARIZATION  
    TOOL

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **MULTIPROBE DETECTION SYSTEM FOR CHEMICAL-MECHANICAL PLANARIZATION TOOL**, the specification of which:

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
    and was amended on \_\_\_\_\_  
    *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

_____ Number	_____ Country	_____ Filing Date	[ ]
_____ Number	_____ Country	_____ Filing Date	[ ]

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional applications(s) listed below.

<u>60/138,314</u>	<u>June 9, 1999</u>
Application Number	Filing Date

Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365 (c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status – Patent, Pending, Abandoned
Application Serial No.	Filing Date	Status – Patent, Pending, Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a below named inventor, I hereby appoint the following attorney to prosecute the above captioned United States patent application and to transact all business in the United States Patent and Trademark Office connected therewith and with the resulting patent:

James L. Farmer      Reg. No. 42,525

**Please send all correspondence to:**

James L. Farmer, Esq.  
SpeedFam-IPEC Corporation  
305 North 54<sup>th</sup> Street  
Chandler, Arizona 85226  
Tel. (480) 705-2668  
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Full name of first joint inventor: Matthew Weldon  
Inventor's signature: *Matthew Weldon* Date 10/13/2000  
Residence: Phoenix Arizona  
City State  
Citizenship: United States  
Post Office Address: 10439 S. 44<sup>th</sup> Court, Phoenix, Arizona Zip Code 85044

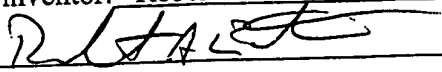
Full name of second joint inventor: Thomas Laursen  
Inventor's signature: *Thomas Laursen* Date 10/13/2000  
Residence: Tempe Arizona  
City State  
Citizenship: Denmark  
Post Office Address: 987 East Dava Drive, Tempe, Arizona Zip Code 85283

Full name of third joint inventor: Malcolm Grief  
Inventor's signature: *Malcolm Grief* Date 10/6/2000  
Residence: Chandler Arizona  
City State  
Citizenship: Great Britain  
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Full name of fourth joint inventor: Paul Holzapfel  
Inventor's signature: *Paul Holzapfel* Date 10/12/00  
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City State  
Citizenship: United States United States  
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Mercer, Pennsylvania

Full name of fifth joint inventor: Mark A. Meloni  
Inventor's signature: *Mark A. Meloni* Date 10/10/00  
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City State  
Citizenship: United States  
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Full name of sixth joint inventor: Robert Eaton

Inventor's signature:  Date 16-Oct-2000

Residence: Scottsdale Arizona  
City State

Citizenship: United States

Post Office Address: 8426 E. Keim Drive, Scottsdale, Arizona Zip Code 85250

## ASSIGNMENT

### UTILITY PATENT

**WHEREAS**, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the address(es) indicated below, has/have invented **MULTIPROBE DETECTION SYSTEM FOR CHEMICAL-MECHANICAL PLANARIZATION TOOL**, for which application for Letters Patent of the United States is being filed as a new patent application.

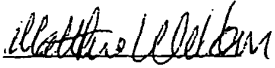
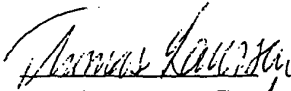
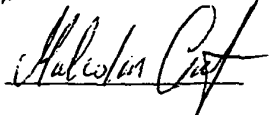
**AND WHEREAS**, SpeedFam-IPEC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, having its principal place of business and mailing address at 305 North 54<sup>th</sup> Street, Chandler, Arizona 85226 is desirous of acquiring an interest therein;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and request the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

**AND HEREBY AGREES** to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

**AGREEING, FURTHERMORE**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

**EXECUTED** as of the date(s) written below by ASSIGNOR:

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